AGE 14+

NO.S027

S027

Helicopter

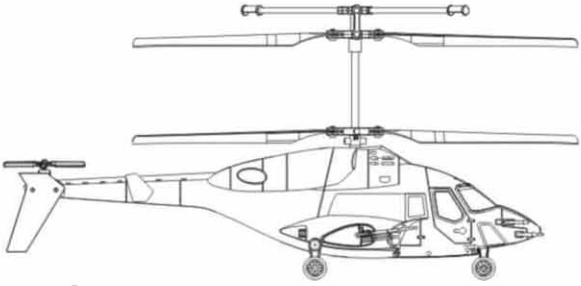
Gyro

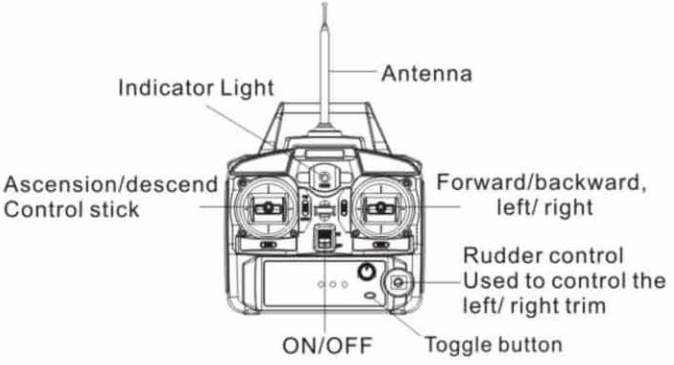
3.5-CHANNEL SYSTEM

1.Intelligent R/C System
2.Full Scale Remote Control
3.360° Precise Directional Movement
4.Smooth Hovering Performance
5.Long Battery Life
6.Energy Saving Power Cut-off

Please read the instructions carefully before use.[Please read the Notice in details.]Please retain the instructions for future reference.

INCLUDED PARTS NAME:





Charger

ASSEMBLY TRANSMITTER

1. Install antenna: install the antenna in the transmitter by turning it clockwise until finger tight.(Fig.1)
2. Install batteries:open the cover of battery case,insert 4 batteries (size 1.5V AA) properly followed by polar indicator. (batteries to be purchased).

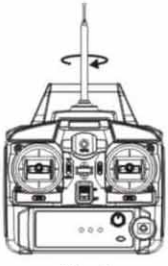


Fig.1

NOTICE:

1. Install batteries carefully
2. Do not mix old and new batteries
3. Do not mix different types of batteries

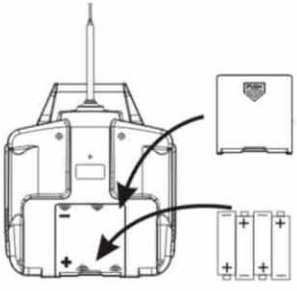


Fig.2

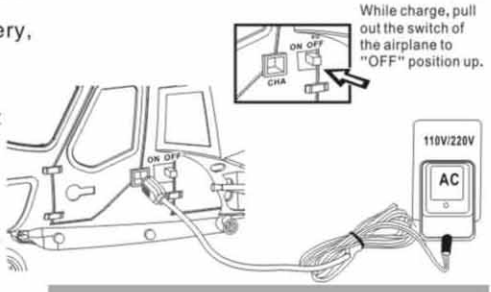
Battery cover

4 X 1.5V AA batteries

Using instructions of charging power batteries

Always turn off the helicopter power ,connect the charge plug of the charger to the charge slot on the helicopter,then insert the charger into the power jack.When charging the LED is off,and charge is finished the LED is on.Do not

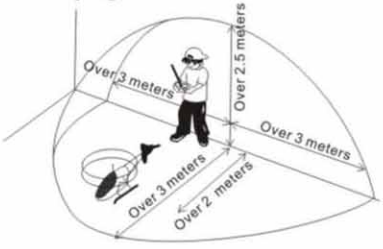
-Helicopter is equipped with a Li-Poly battery, please also pay attention to the following cautions for safety use.
-Do not use or leave the battery near a heat source such as fire or heater. Otherwise it can cause damage or explode.
-Do not immerse the battery in water, and keep the battery in a cool dry environment.
-When recharging,only use the battery charger specifically for that purpose.
-Do not disassemble the battery.
-Never leave the battery unattended during charging.



NOTICE: ⚠
When you are finished using your helicopter,please disconnect all charging cables before storing away to void demage to the batteries

ENVIRONMENT FOR FLIGHT:

1. Fly on a sunny day, without wind.
❶ Do not fly in extreme temperature.
Do not fly in temperature above 113 degrees Fahrenheit /45 degrees centigrade, or below 50 degrees Fahrenheit /10 degrees cen ti centigrade.
Flying in extreme heat and/of cold will affect performance and may damage the model.
❷ Do not fly in strong wind.
Windy conditions will limit, or disturb the flying control.
In very windy conditions, your helicopter may become lost and/or damaged.
2. Select a large, wide-open area for flying, and make sure is no obstructions, animals or people nearby.



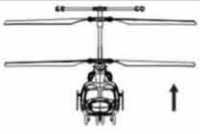
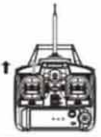
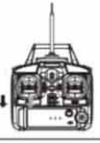
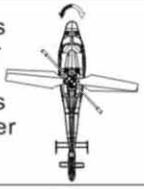
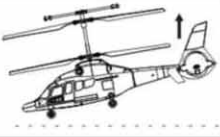
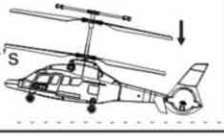
READY TO FLY

1. Lay your helicopter onto the ground, turn on the power switch, and the indicator lights.
2. Leave the helicopter at least two meters away, while the tail aimed at you.
3. Check that the helicopter be far away from the crowd, animals and other obstructions.
4. Pull antenna full out of remote control device, make sure the joystick at lower place. Turn on the controller's power, and it works, then you can use it to fly the helicopter.

NOTICE: ⚠
While the indicator of the controller is sparkle, which shows the controller is lack of power. And you can change some batteries for it.

CAUTION:
1.Trun on the switch.
2.The motive handle (acclerator) must be pushed to the maximum control route of travel first, then adjust it to zero (lowest) ,after that, you can turn on the power of helicopter to fly the normal operation.

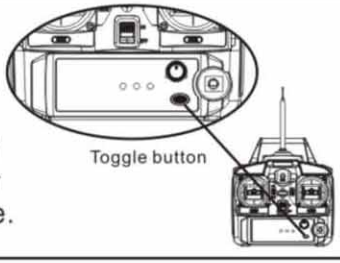
CONTROL METHOD

Ascend	When you push up the left stick (throttle)the speed of the main rotor blade will increase and the helicopter will go up.		
Descend	When you pull down the left stick (throttle)the speed of the main rotor blade will decrease and the helicopter will go down.		
Steering	1.when the right stick(rudder)is moved to the left the helicopter will rotate to the left. 2.when the right stick(rudder)is moved to the right the helicopter will rotate to the right.		
Forward	When you push the right control lever(rudder)up wards the helicopter's nose will point down and it will fly forwards		
Backward	When you pull the right control lever(rudder) down wards the helicopter's nose will rise and it will fly backwards		

The helicopter has two flight modes, for beginner and for master-hand:

1.Beginner mode(Factory default state)

2.Master-hand mode(Once press the swicher which is on the right bottom of the remote control, then the helicopter will change into the Master-hand mode.

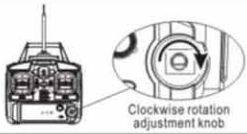
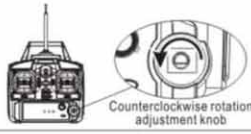


SPECIAL PROMPT

If the helicopter spins during flight, follow the procedure below to stop the rotation.

NOTICE:

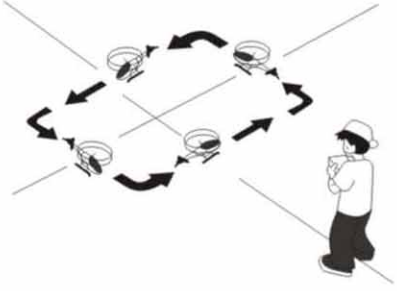
When the airplane away from the ground in 30cm position, the helicopter will suffer by itself blade vortex to became unstable, we call it "effect response", when the helicopter weight lower, and the "effect response" affect will be bigger.

Note: Adjust the knob as required until the rotation has stopped	
Note: Adjust the knob as required until the rotation has stopped	

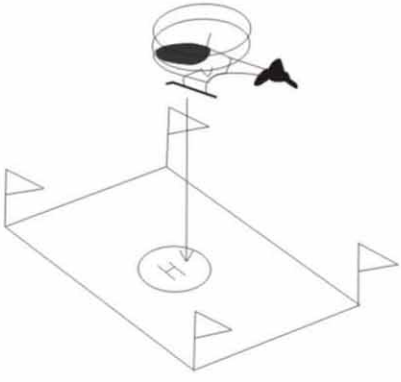
FLYING PRACTICE

After the enough practice, you can attempts following flying practice.

Fixed revolves
(direction revolve)



Always go forward and turn left, and exercise flight in a quadrate pattern, then repeatedly practices to gradual practice flight in a rotundity.



Landing at the appoint pace (fixed landing)

Fly in a figure of eight shape

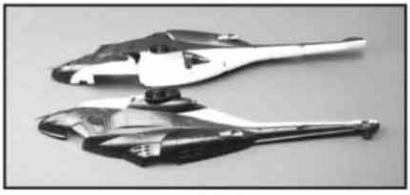
TROUBLE SHOOT AND DEALING WITH

PROBLEM	CAUSE	CHECK THIS
Controller doesn	1.Controllers power switch is"OFF".	1.Turn power switch "ON".
	2.Insert batteries into controller improperly.	2.Confirm batteries be inserted according to their pole.
	3.Batteries lack of power.	3.Change new batteries instead.
Can not control the helicopter	1.You havent operated the controller.	1.Turn controller power switch "ON".
	2.Doesnt turn on controllers power switch.	2.Turn helicopters power switch "ON"
	3.Doesnt wrest antenna into controller completely, or antenna isnt fully pulled out.	3.Wrest antenna completely and pull it out.
	4.You play the helicopter in strong winds weather.	4.Do not play the chopper in winds, which can confuse your control.
Helicopter can not rise	1.Main rotor blades rotate too slowly.	1.Pull up the throttle stick.
	2.Doesnt fully charge helicopters battery.	2.Full charge helicopter battery. (see instruction above)
Helicopter land too fast.	You loose the throttle stick or pull it sown too fast.	Slowly pull down the throttle till the chopper landing smoothly.

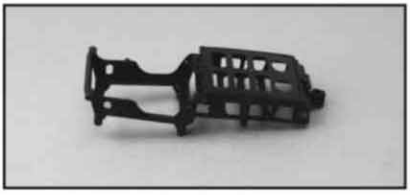
CAUTION

1.The control distance will shorter when the quantity of electricity is not full.
2.When the quantity of the electricity of the helicopter is not full, the helicopter will difficulty or the height of fly is not enough.
3.If the helicopter become damaged, deformation, please repaired in time.
If the rotor become damaged or broken, do not fly, otherwise, it will lead to injury.
4.If you dont use the transmitter for a long time. Remove all batteries out, in order to avoid the battery leakage to damage this product.
5.Dont drop the helicopter from high position or crash it seriously, because that will damage it seriously or shorten the using time.
6.This product contains many kinds of alloy parts, please pay more attention when operating the helicopter
7.Motor heating components, don't touch, avoid scald.

SPARE PARTS LIST



S027-01
Helicopter corpus



S027-02
Battery case

S027-03
Motor body frame

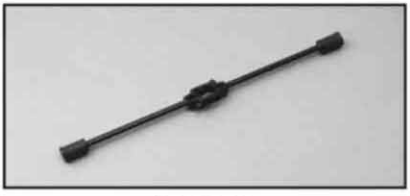
S027-04
Tail lade

S027-05
Airplane adorn piece

S027-06
Decorate blade

S027-07
Main blade

S027-08
Connect buckle



S027-09
Balance Bar

S027-10
Main tube piece

S027-11
Inner shaft

S027-12
Main blade grip set

S027-13
Gear A

S027-14
Gear B

S027-15
Bearing

S027-16
Bearing

S027-17
Upper blade motor

S027-18
Lower blade motor

S027-19
PCB box

S027-20
Li-poly battery

S027-21
Tail motor set

S027-22
Charger

S027-23
Remote controller

AGE 14+

NO.S027

S027

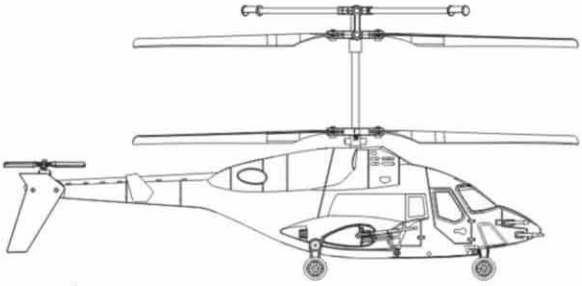
遥控直升机

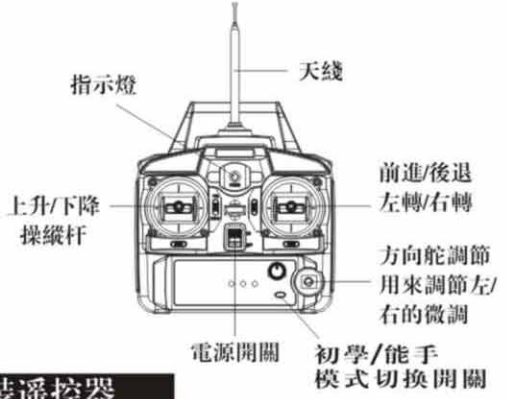
陀螺仪
系统

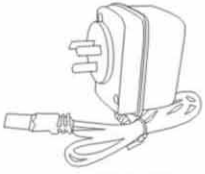
1.智能化控制系統。
2.全比例遥控
3.360度準確定向
4.平滑懸空性能。
5.新研發節電功能。
6.呵護電池模式，延長使用壽命。

使用前请先完整阅读说明书（注意部份请详细阅读）
保存好此说明书以供日后使用参照。

包含部件名稱







組裝遙控器

1.天綫的安裝：將天綫順時針轉動裝入遙控器的天綫終端螺絲柱上。如圖1
2.電池的安裝方法：打開遙控器背面的電池蓋，依照電池箱的電極指示正確地放入4粒5號碱性電池（電池須另購）。如圖2

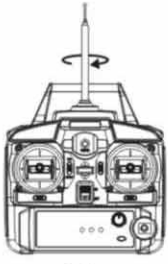


图1

注意:

1.裝電池時必須認準正負極與電池盒正負極，切不能裝反。
2.請勿混合使用新舊電池。
3.請勿混合使用不同種類的電池。

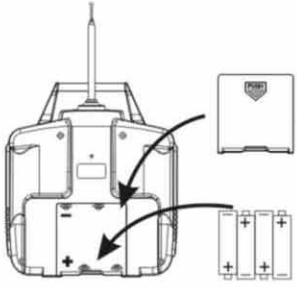
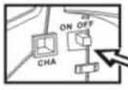


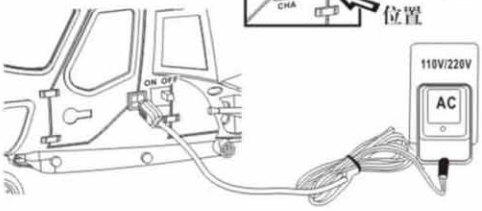
图2

動力電池充電使用說明

先關閉直升機電源開關，把充電器上的充電插頭連接到直升機上的CHA插口上，然後將充電器插入電源座中。當充電時，LED燈會熄滅。當充電完成時，LED燈亮起。充電時間為50–60分鐘（如圖）。



充電時開關推到"OFF"位置



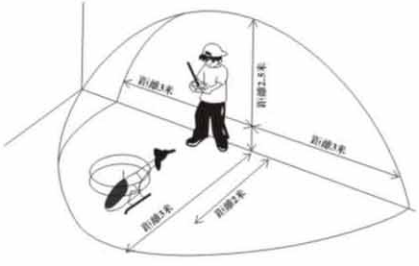
–此產品配備內置鋰電池，使用要注意以下安全事項。
–切勿把帶電電池放在高溫受熱的地方，如明火或電熱裝置，否則會發生損壞或爆炸。
–切勿用電池撞擊或敲打硬質物體表面。
–切勿把電池侵入水中，電池應存放在幹燥的地方。
–祇能用產品附帶的充電器為產品充電。
–切勿分解電池。
–充電時人員切勿離開。

注　意 ⚠

- 如果不飛行此直升機的時候，請把開關拔向"OFF"以防電池過放電，如果遙控器保持連接，有可能會因長時間的電量消耗而導致過放電。
- 適配器須適合你當地的電壓。

飛行前環境

1.在溫暖晴朗沒風的天氣飛行。
① 切勿在氣溫極端的天氣飛行；
切勿在溫度高于華氏113度天氣飛行；
在過熱或過冷的天氣下飛行會影響飛行效果或損壞模型。
② 切勿在強風的天氣飛行
強風會對飛行造成局限或會妨礙你的飛行控制，
在強風的情況下飛行，你的直升機會不知所踪或令它損壞。
2.選擇在室內寬敞處飛行,并請確認附近有無障礙物、寵物及人。



預備飛行

1、將飛機平穩的放在平整的地面，打開飛機電源開關，彩色燈閃亮。
2、請確保你位于直升機後面（尾翼對着你）最少2米的地方。
3、重新檢查場地，遠離人群、動物或其它障礙物。
4、把遙控器天綫拉至最長，確保油門處于最小位置。打開遙控器電源開關，遙控器指示燈常亮，這時遙控器就能正常使用，你可以預備起飛了。

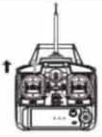
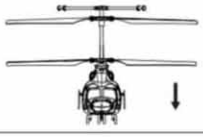
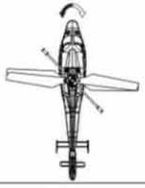
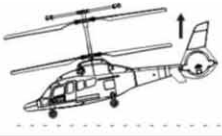
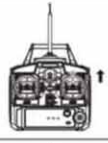
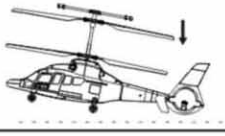
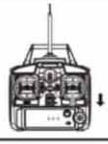
注　意 ⚠

如果遙控器指示燈出現閃亮狀態，表示電池電量不足，此時你必須為你的遙控器更換電池。

左手操作圖

1、打開電源開關。
2、動力手柄必須先推至最大控制行程，再歸置零位（最底位）才可以打開飛機電源進行正常操作，

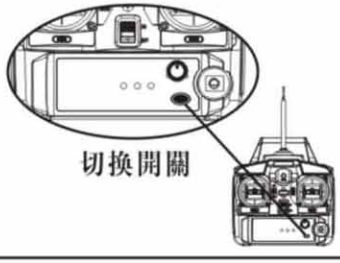
操縱方法

上升	當左操縱杆（油門）向上推，主旋翼轉速增大，直升機升高。		
下降	當左操縱杆（油門）向下推，主旋翼轉速減慢，直升機下降。		
轉向	當右操縱杆（轉向舵）向左推，直升機機頭向左轉。向右推，直升機機頭向右轉。		
前進	當右操縱杆（轉向舵）向上推，直升機機頭向下。直升機向前前進。		
後退	當右操縱杆（轉向舵）向下推，直升機機頭向上。直升機向後後退。		

該機具有初學者及能手兩飛行模式.

1、初學者模式（出廠默認狀態）

2、能手模式：按下遙控器的右下方切換開關，飛機就進入能手模式，讓你增加飛行樂趣，

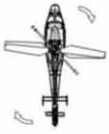
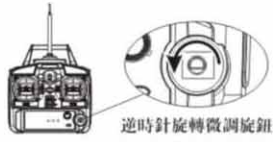


特別提示

飛行中如果没有推動轉向操作杆,但直升機仍然在空中打轉,這時可以調整你手中遙控器上的微調旋鈕,直到直升機平衡不打轉爲止.

注　意

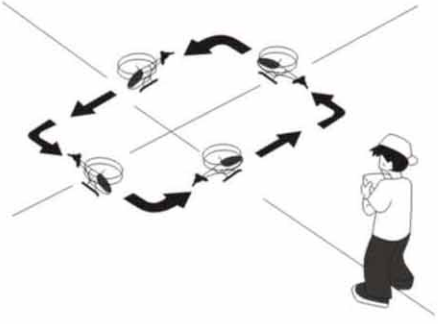
當飛機在離地面30cm的位置，直升機會受到自身槳葉渦流的影響而變得不穩定，這就叫"地效反應"當飛機的重量越低時，地效反應的影響越大。

機性出現逆時針旋轉時,你可以順時針旋轉你手中遙控器微調旋鈕直至平衡. 注:機尾朝向操控者		
機性出現順時針旋轉時,你可以逆時針旋轉你手中遙控器微調旋鈕直至平衡. 注:機尾朝向操控者		

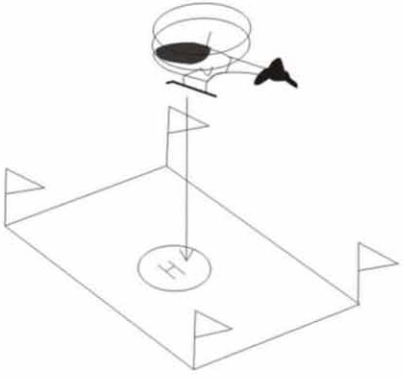
飛行練習

經過足够的練習後，嘗試以下飛行練習。

定點旋轉（方向旋轉）



一直向前-左轉-向前-左轉-向前-左轉，練習飛行一個方形圖案，反復練習，逐漸的練習飛行一個圓形。



在指定地點着陸（定點着陸）

（數字8飛行）

解決問題指引

問　題	原　因	處 理 方 法
遙控器 沒有電源	1.開/關掣在“OFF”的位置	1.把開/關掣打在“NO”的位置
	2.沒有依正確電極指示放入 電池。	2.檢查和確保電池是依照電池 箱所指示的正負極放入。
	3.電池已耗盡。	3.更換全新的電池
不能遙控	1.沒有開啟遙控器	1.把遙控器開/關掣拔向"ON" 的位置
	2.直升機開/關掣在“OFF” 的位置。	2.把直升機開/關掣拔向“ON” 的位置
	3.沒有擰緊遙控器的天綫或天綫 未完全伸長	3.確保把銀色的天綫擰入遙控 器中和完全伸長
	4.風力太大	4.切勿在有風的情況下飛行 有 風會對飛機造成局限，或會妨 礙你的控制飛行。
直升機 不能升高	1.旋翼轉動速度太慢	1.動力操縱杆向上推。
	2.直升機并未完全充電	2.為直升機完全充電
直升機很 快便着陸	你太快的將動力操縱杆回拉	慢慢地回拉動力操縱杆讓直 升機慢慢着陸

注意事項

1.遙控器或直升機的電量不足時，遙控距離受影響而距離較近。

2.若直升機電量不足，會出現飛行高度不够或起飛困難。

3.若直升機出現破損，變形請及時修復，嚴重者如旋翼斷裂破損切勿飛行否則會導致受傷。

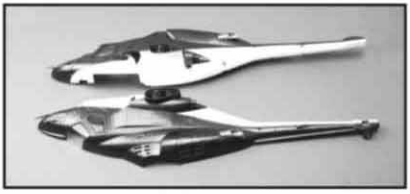
4.長期不使用請將遙控器的電池取出，以免電池漏液造成對本產品的損壞。

5.切不能讓直升機高空墜機或嚴重碰撞，這樣會損壞直升機或縮短直升機壽命。

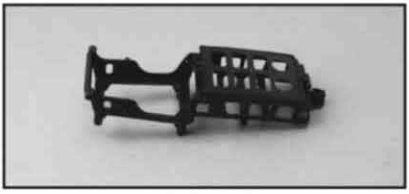
6.該模型飛機含有多種合金部件，小孩玩時要注意不要被合金件割傷。

7.電機爲發熱部件，請勿觸摸，以免燙傷。

配件



S027-01
機身



S027-02
電池箱

S027-03
電機主架

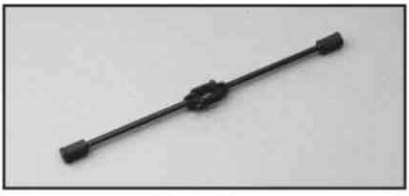
S027-04
尾風葉

S027-05
飛機飾件

S027-06
機輪飾件

S027-07
風葉

S027-08
鎖扣



S027-09
平衡杆

S027-10
主管組件

S027-11
主旋軸組件

S027-12
風葉壓件

S027-13
齒輪A

S027-14
齒輪B

S027-15
大軸承

S027-16
小軸承

S027-17
上風葉電機

S027-18
下風葉電機

S027-19
接收板

S027-20
電池

S027-21
尾電機

S027-22
適配器

S027-23
遙控器